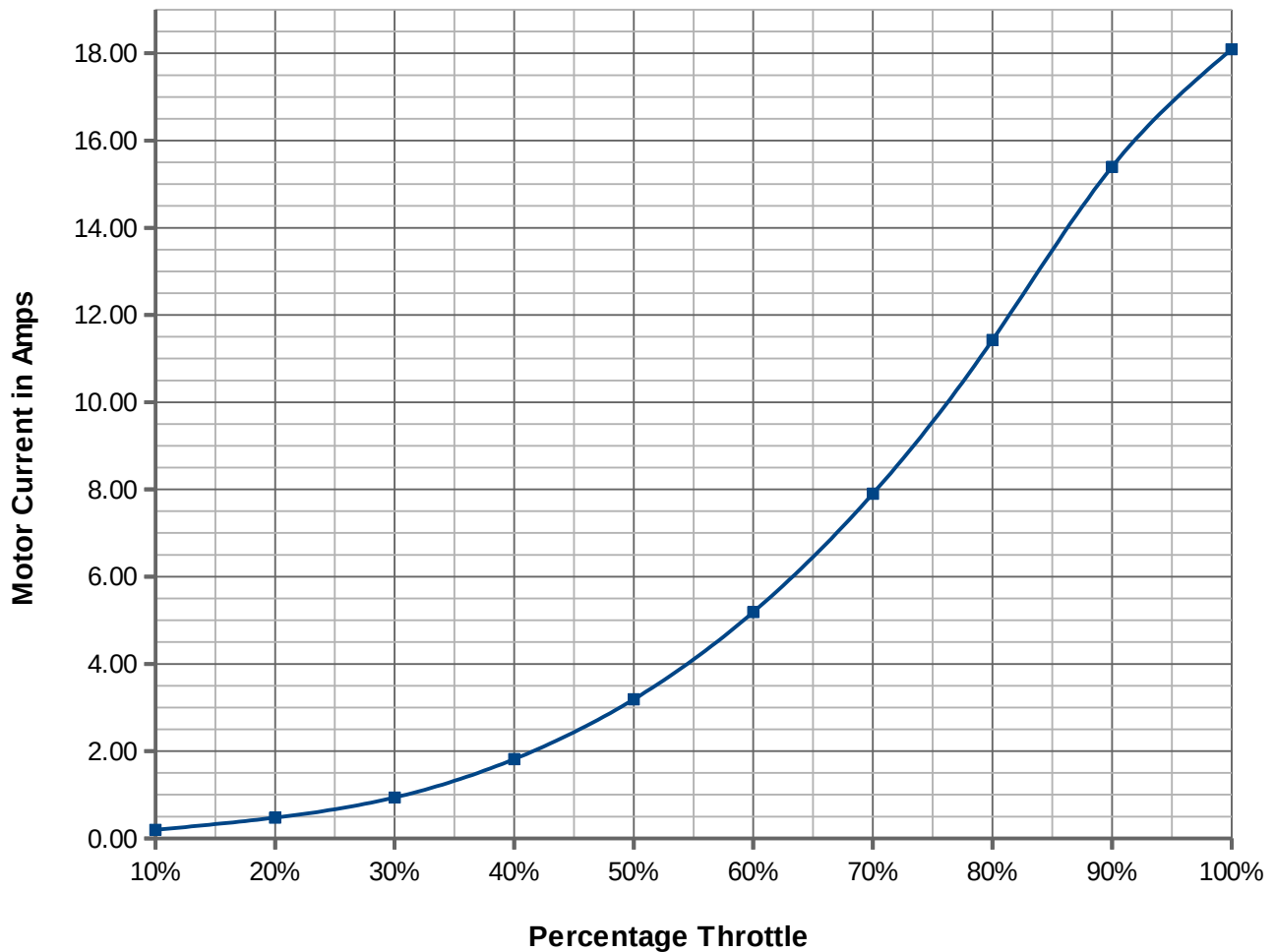


Cobra CM-4008/24 Motor Test Data, Kv=600

Data Collected at 14.8 volts with RC-Timer 12x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.20	2.92	1,185	35.7	1.26	12.24
20%	0.48	7.03	1,896	94.9	3.34	13.50
30%	0.94	13.87	2,561	167.7	5.91	12.09
40%	1.82	26.89	3,319	294.3	10.37	10.94
50%	3.19	47.18	4,032	451.6	15.92	9.57
60%	5.19	76.78	4,739	634.5	22.36	8.26
70%	7.90	116.96	5,441	849.2	29.93	7.26
80%	11.43	169.10	6,073	1098.8	38.72	6.50
90%	15.40	227.86	6,636	1324.3	46.67	5.81
100%	18.09	267.78	6,948	1471.9	51.87	5.50

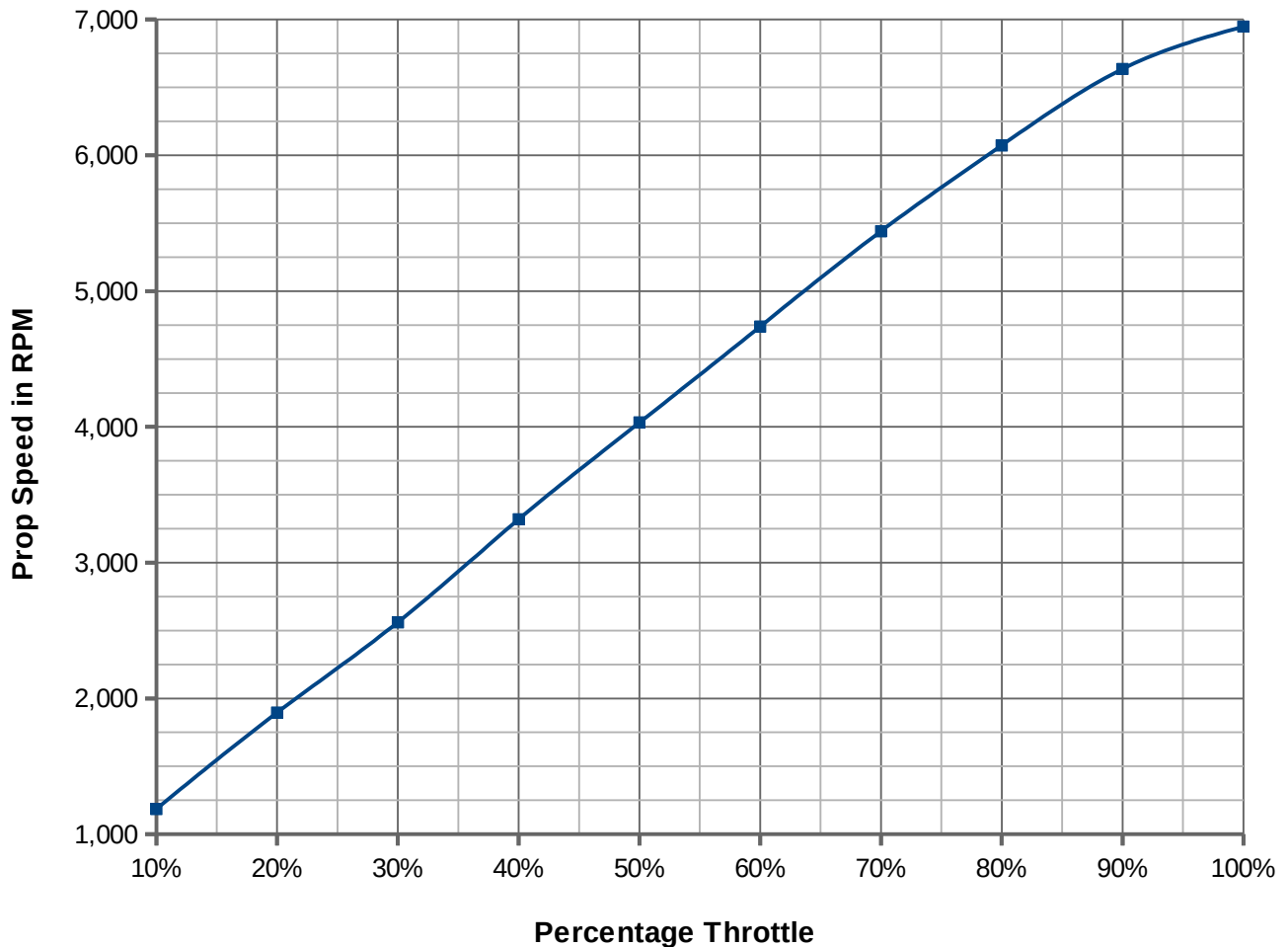
Motor Current vs Throttle Position



Cobra CM-4008/24 Motor Test Data, Kv=600

Data Collected at 14.8 volts with RC-Timer 12x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.20	2.92	1,185	35.7	1.26	12.24
20%	0.48	7.03	1,896	94.9	3.34	13.50
30%	0.94	13.87	2,561	167.7	5.91	12.09
40%	1.82	26.89	3,319	294.3	10.37	10.94
50%	3.19	47.18	4,032	451.6	15.92	9.57
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80%	11.43	169.10	6,073	1098.8	38.72	6.50
90%	15.40	227.86	6,636	1324.3	46.67	5.81
100%	18.09	267.78	6,948	1471.9	51.87	5.50

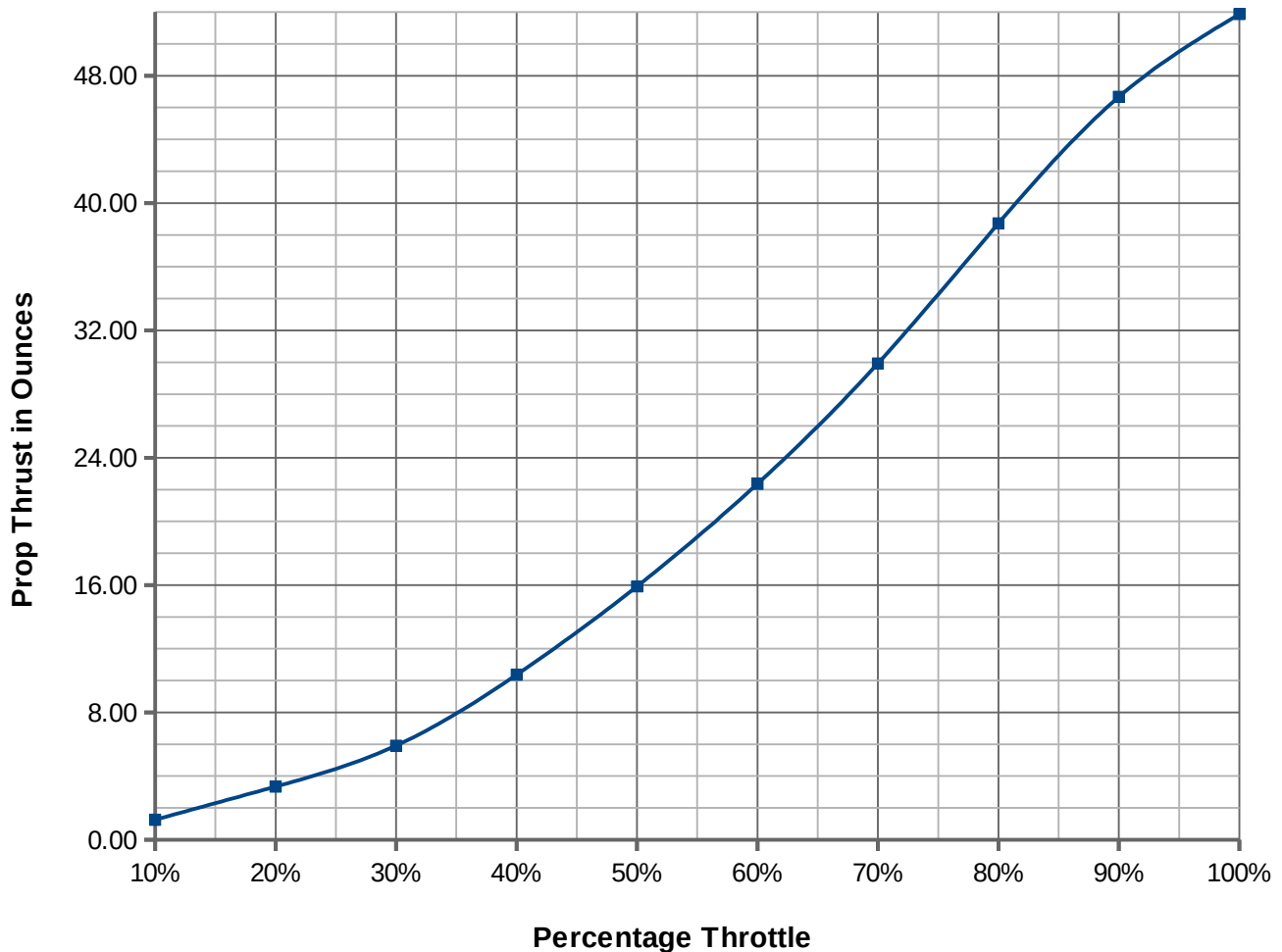
Propeller RPM vs Throttle Position



Cobra CM-4008/24 Motor Test Data, Kv=600

Data Collected at 14.8 volts with RC-Timer 12x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.20	2.92	1,185	35.7	1.26	12.24
20%	0.48	7.03	1,896	94.9	3.34	13.50
30%	0.94	13.87	2,561	167.7	5.91	12.09
40%	1.82	26.89	3,319	294.3	10.37	10.94
50%	3.19	47.18	4,032	451.6	15.92	9.57
60%	5.19	76.78	4,739	634.5	22.36	8.26
70%	7.90	116.96	5,441	849.2	29.93	7.26
80%	11.43	169.10	6,073	1098.8	38.72	6.50
90%	15.40	227.86	6,636	1324.3	46.67	5.81
100%	18.09	267.78	6,948	1471.9	51.87	5.50

Propeller Thrust vs Throttle Position



Cobra CM-4008/24 Motor Test Data, Kv=600

Data Collected at 14.8 volts with RC-Timer 12x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.20	2.92	1,185	35.7	1.26	12.24
20%	0.48	7.03	1,896	94.9	3.34	13.50
30%	0.94	13.87	2,561	167.7	5.91	12.09
40%	1.82	26.89	3,319	294.3	10.37	10.94
50%	3.19	47.18	4,032	451.6	15.92	9.57
60%	5.19	76.78	4,739	634.5	22.36	8.26
70%	7.90	116.96	5,441	849.2	29.93	7.26
80%	11.43	169.10	6,073	1098.8	38.72	6.50
90%	15.40	227.86	6,636	1324.3	46.67	5.81
100%	18.09	267.78	6,948	1471.9	51.87	5.50

Propeller Efficiency vs Throttle Position

